

**Amendment to the Abstract:**

Please ADD the Abstract attached hereto.

## ABSTRACT

A water treatment system comprising a separable water treatment component and a host water treatment apparatus is described. The component is useable in the host apparatus, and has an electronic circuit which is adapted to co-operate with an electronic circuit in the host apparatus. In typical operation, the electronic circuit of the component includes at least a data tag, and the presence of the data tag is identified by the electronic circuit of the host apparatus upon correct fitment and/or installation of the component, which creates a two-way communication protocol. The host apparatus can then upload relevant data from the data tag, etc., and the component's circuit can download the relevant information from the host apparatus. The present invention provides the benefits of electrical co-operation and data tagging.